



# National Weather Service

## Storm Data and Unusual Weather Phenomena



August 1998

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed	Number of Persons Injured	Estimated Damage Property	Estimated Damage Crops	Character of Storm
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### CONNECTICUT, Northeast

NONE REPORTED.

### MASSACHUSETTS, Central and East

#### Middlesex County

<b>Billerica</b>	11	2045EST 2106EST			0	0			<b>Hail(1.00)</b>
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#### Essex County

<b>Methuen to Haverhill</b>	11	2100EST			0	0			<b>Thunderstorm Wind (G50)</b>
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#### Norfolk County

<b>Milton</b>	11	2100EST 2130EST			0	0	3K		<b>Lightning</b>
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#### Middlesex County

<b>Tewksbury</b>	11	2130EST			0	0			<b>Hail(0.75)</b>
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Severe thunderstorms affected several places in Middlesex and Essex Counties during mid-evening. In Middlesex County, nickel to quarter size hail was reported in Billerica along with a wind gust to 45 mph. The hail fell for about 20 minutes. In Wayland, a half-inch of rain fell in 10 minutes and a wind gust to 42 mph was reported. Dime size hail was reported in Tewksbury. In Essex County, thunderstorm winds gusting to an estimated 60 mph blew down several large trees, which resulted in scattered power outages in Methuen and Haverhill. In Norfolk County, four homes sustained minor damage in Milton from several lightning strikes between 10:00 and 10:30 PM. Damage included a few roof shingles blown off at one home, chimney bricks knocked down at another, and circuit breakers damaged at two other homes.

#### Essex County

<b>Salisbury</b>	24	1626EST			0	0			<b>Hail(0.88)</b>
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A severe thunderstorm dropped nickel size hail in Salisbury, as reported by the local police.

#### MAZ019-021

#### **Eastern Plymouth - Southern Plymouth**

	29	0000EST 1200EST			0	0			<b>Heavy Rain</b>
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Tropical Storm Bonnie tracked to the east-northeast well to the south of Cape Cod and the Islands. A heavy outer rain band affected a small part of southern Plymouth County. Torrential downpours occurred in the town of Plymouth, where a spotter at Whitehorse Beach recorded 4.00 inches of rainfall and another National Weather Service Cooperative Observer also in Plymouth had 3.95 inches. A spotter in Wareham recorded 2.80 inches. On Cape Cod, 1.44 inches fell in Hyannis and 1.10 inches fell in Orleans. On Nantucket Island, the rainfall totalled 1.23 inches. The strongest winds reported on land were in the range of 25 to 35 mph. Offshore, the Georges Bank Buoy reported a peak gust to 52 mph. The Nantucket Shoals Buoy had a gust to 38 mph and the Buzzards Bay Buoy recorded 31 mph.

A boating accident occurred at 1215 PM one-half mile off of Wianno Beach in Osterville, but it was not directly related to the effects of Bonnie. A 50-year-old male was killed when his rowboat overturned in somewhat choppy waters; his companion was able to swim to shore. According to the US Coast Guard stationed at Woods Hole, the man was a poor swimmer, not wearing a life jacket, dressed only in shorts and t-shirt. Sea conditions at the time were 1 to 2 feet and choppy, with winds of 10 to 15 knots and a visibility of 8 miles.



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### NEW HAMPSHIRE, Southern

#### Hillsborough County

Milford	11	1945EST			0	0			Hail(0.75)
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NHZ012

#### Hillsborough

11	1950EST			0	0				Strong Wind
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An early evening thunderstorm brought some gusty winds and hail to a few towns in Hillsborough County. A spotter in Milford reported pea to penny size hail, which accumulated on the ground. Strong winds blew down tree limbs onto wires and roadways in Hudson and lightning knocked out a communication system in Nashua. Scattered power outages were reported in the Nashua area.

NHZ012

#### Hillsborough

24	1555EST			0	0				Strong Wind
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A thunderstorm brought gusty winds to 40 to 50 mph, which resulted in a few power outages

#### Hillsborough County

Weare	25	1611EST			0	0			Thunderstorm Wind (G50)
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Wind damage was reported in Weare in Hillsborough County. Trees limbs and wires were reported blown down, as per the local fire department.

### RHODE ISLAND

NONE REPORTED.